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ABSTRACT

A method is proposed which is said to allow elementary and secondary teachers to prepare 30-minute audio-tutorial tapes in one to three hours. A list of materials needed is provided, and the six-step procedure outlined. More than 300 Mini-Patt tapes are said to have been produced for use from elementary

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THE MINI-PATT* APPROACH FOR INDIVIDUALIZING INSTRUCTION

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*The Mini-Preparation of Audio-Tutorial Tapes

In the past, the preparation of audio-tutorial tapes has been tedious and time consuming. In order to produce a commercial quality audio-tutorial tape, the instructor had to outline the format of the presentation, gather the necessary materials, and prepare a rough tape. This tape was then transcribed into a script, the script was edited (usually by the instructor) and a final tape for instructional purposes was prepared from the edited script. Usually the above sequence of steps required approximately eight to ten hours which would be spread over a two or three day period with the end product being a thirty minute reel-to-reel tape. This procedure resulted in a tape of commercial quality for multi-duplication purposes.

Most elementary and secondary teachers do not have the time nor the resources for such a venture. Teachers who may be interested in producing tapes would only be interested in developing audio-tutorial tapes for their own classes. However the procedure described above discourages teachers from preparing tapes rather than encouraging them.

We have developed a procedure entitled the Mini-PATT approach which allows the teacher to produce instructional tapes suitable for their own classes in a short period of time (usually in about one to three hours for a thirty minute tape).

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To prepare instructional tapes utilizing the Mini-PATT approach, the following format is used:

I. Materials Needed:

1 Cassette Tape Recorder that records with microphone

1 C-60 Cassette Tape

1 Partner (either a teacher or child or another adult will suffice)

II. Procedure:

1. You will need to decide what concept you would like to teach using the audio-tutorial format. For example: the letter "O", graphing, short vowel sounds, shapes, colors, etc.

CONCEPT:_____

2. State your instructional objectives for the concept which you have selected. For example: The child will be able to construct a two-dimensional graph from the data presented utilizing acceptable graphing techniques or the child will be able to use four of his five senses when observing an object.

INSTRUCTIONAL OBJECTIVE(S):_____

_____

_____

_____

3. Obtain all materials and supplies that you will need to implement your instructional objectives. For example: an object for observing, a game you constructed.

MATERIALS AND SUPPLIES NEEDED:_____

_____

4. You should also prepare an evaluation of this concept based on your stated objectives to find out if your audio-tutorial materials were successful. DO NOT SHOW THIS EVALUATION TO YOUR PARTNER!

EVALUATION:_____

_____

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5. Using the materials needed, you will teach your partner the concept while recording your instructions on tape. Your partner will respond by head actions - NOT VERBALLY. Your lesson should last about 15-20 minutes.

6. Now that you have completed your audio-tutorial tape, LISTEN TO THE RESULTS. Record your comments regarding your product for future revision purposes. Both positive and negative aspects should be included.

We have found that the Mini-PATT approach is an effective procedure for developing audio-tutorial tapes for classroom use. To date, over 300 tapes have been prepared by teachers from pre-school to elementary to secondary to college level in content and skill areas ranging from mathematics and science to reading to music. Many of the Mini-PATT tapes have been incorporated into interest centers, learning activity packages, and minicourses. Maybe the Mini-PATT approach will work for you, too.